



USDA
South Dakota
Agricultural
Statistics
Service

P.O. Box 5068
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South Dakota CHEMICAL USAGE

News Release

May 15, 2003

2002 FIELD CROP CHEMICAL USAGE

SIOUX FALLS, May 15, 2003 – Nitrogen was applied to 20 percent of South Dakota's 4.25 million soybean acres in 2002, according to the USDA's South Dakota Agricultural Statistics Service. South Dakota growers averaged 1.1 nitrogen applications at the rate of 18 pounds per acre. Phosphate was applied to 41 percent of the soybean acreage at the rate of 54 pounds per acre, and potash to 15 percent at the rate of 27 pounds per acre. Phosphate was applied once, on average, while potash averaged 1.4 applications.

Herbicide was applied to 100 percent of the South Dakota soybean acreage, while insecticide was applied to 19 percent. Glyphosate (Roundup) was the most popular herbicide, treating 72 percent of the acres. The number of applications averaged 1.5, with the application rate averaging 0.71 pounds per acre. Pendimethalin (Prowl) was the second leading herbicide, treating 9 percent at the rate of 0.99 pounds per acre, with the average number of applications being 1.0.

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